the under side as a series of pale-yellowish spots more or less distinct. The hind wings have a double series of faint yellow spots; these as well as the marginal spots of the primaries are very distinct on the under side. Expanse, 1.25-1.60 inch.

Early Stages.—The caterpillar feeds on oaks, *Galactia*, and possibly *Baptisia.* The life-history has been only partially ascertained, in spite of the fact that the insect has a wide range and is not uncommon.

Bri%p occurs from the Atlantic to the Pacific, ranging from the latitude of New England to that of Arizona.

(2) Thanaos icelus, Lintner, Plate XLVIII, Fig. 17, *$* ; Plate VI, Fig. 27, *chrysalis* (The Dreamy Dusky-wing).

Butterfly.—Prevalently smaller in size than the preceding species. The under side of the wings is paler than the upper side, and the outer third of both the primaries and secondaries is marked with a profusion of small indistinct yellow spots, which do not form well-defined bands as in the preceding species. On the upper side of the fore wing the median area is generally marked by a broad band of pale gray, but this is not invariably the case. Expanse, 1.00-1.20 inch.

Early Stages.—These have been described by Scudder. The caterpillar feeds on a variety of plants, as the aspen, oaks, and witch-hazel.

Icelus ranges across the continent from Nova Scotia to Oregon, and south to Florida and Arizona.

(3) Thanaos somnus, Lintner, Plate XLVIH, Fig. 2, *$* (The Dark Dusky-wing).

Butterfly.—A little larger than the preceding species, especially in the female sex. The male is generally quite dark, the banding of the fore wing on the upper side obscured. The hind wings have a row of light marginal and submarginal spots, more distinct on the under side than on the upper. The female generally is light gray on the upper side of the wings, with broad median and submarginal bands of dark brown,

tending to fuse or coalesce at a point near the origin of the first median nervule.

Expanse, $, 1.25 inch; ?, 1.50 inch.

Early Stages.—But little is known of these.

All of the specimens I have ever seen came from southern Florida*

(4) Thanaos lucilius, Lintner, Plate XLVIII, Fig. io, 6 ! Plate VI, Figs. 30-32, *chrysalis* (Lucilius' Dusky-wing).